

# FY16 BAA

## Request for Proposals



**Broad Agency Announcement**  
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Half of ADL's research and development is performed by companies and universities under our Broad Agency Announcement (BAA) contract vehicle. Our BAA describes a range of learning science and technology topics, designed to ultimately build a persistent capability for effective, personalized learning—presented anytime, anywhere, and via any device or platform. We call this concept the Personal Assistant for Learning.

## FISCAL YEAR 2016: RESEARCH FOCUS AREAS

### Learning Analytics and Visualizations

Develop models, processes, and standards for analyzing, interpreting, visualizing, and acting on micro-behavioral human performance data (e.g., from xAPI statements)

### Learning Experience Design

Apply learning science to define and demonstrate learning experience design (i.e., instructional content and interactions) for the envisioned “intelligent learning ecosystem” of the future

### DoD LMS “Wallet”

Develop requirements and prototypes for a “learning locker” compatible with DoD learning management systems to enable efficient training completion data-sharing

### Emerging Technologies for Learning

Help define the vision and anticipate the impacts of emerging learning technologies; create narrative use-cases that detail how future technologies might be used and their second- and third-order effects

### Actionable Data Book Prototype

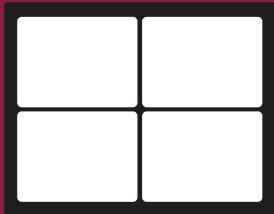
Design and develop a prototype ebook following the spirit and specifications of the draft ePub 3 Actionable Data Book standard, including xAPI integration

### Other Innovative Ideas

ADL is interested in other science and technology proposals that either support urgent DoD Service needs or contribute significantly towards our “learning ecosystem of the future” concept

## Submission Process

1.



### QUAD CHART

- Essential technical summary
- Estimated cost
- Period of performance

2.



### WHITE PAPER

- More detailed technical summary
- Refined cost estimate
- General program timeline
- Five-page limit

3.



### PROPOSAL

- Technical and management plan
- Detailed costing data
- Execution timeline
- Proposed statement of work

**Evaluation based on:** Scientific/Technical merit, Alignment with ADL Research Objectives, Management Plan, Past Performance, and Cost. Note: Preference is strongly given to proposals that deliver open-source (or at least government-owned) prototypes and scientific knowledge products.

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